

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of the Claims:**

1. (CURRENTLY AMENDED) A method for screening for diagnosing melanoma using immunohistochemistry to determine whether microphthalmia (Mi) is expressed which comprises:
  - (a) contacting *in vitro* a biological specimen containing malignant cells with an antibody that binds to human ~~a probe which selectively recognizes~~ microphthalmia (Mi); and
  - (b) determining whether Mi is being expressed in the specimen by the ~~probe's~~ binding of the antibody to Mi, wherein said binding is indicative of Mi expression ~~and, wherein the expression of Mi in a malignant cell is indicative of melanoma.~~
2. (CANCEL)
3. (CANCEL)
4. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the biological specimen consists of malignant cells.
5. (CANCEL)
6. (CANCEL)
7. (CANCEL)
8. (CANCEL)
9. (CANCEL)

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10. (CANCEL)
11. (CANCEL)
12. (CANCEL)
13. (CURRENTLY AMENDED) The method of claim 1 ~~claim 2~~, wherein the antibody is a monoclonal antibody.
14. (PREVIOUSLY PRESENTED) The method of claim 13, wherein the antibody binds to an epitope in the N-terminus Taq-Sac fragment of human Mi.
15. (CANCEL)
16. (CURRENTLY AMENDED) The method of claim 1 ~~claim 15~~, wherein the biological sample is on a slide.
17. (CURRENTLY AMENDED) The method of claim 1 ~~claim 15~~, wherein the antibody is used to determine where in the malignant cell the Mi is expressed.